

Code 584 Project Status

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Code 584 Project Status
AS of 3/25/04

	Status							
Project	Jan	Feb	Mar	Last Report	CS	Δ	SSC	Notes
On-Orbit Missions								
EO-1	G	G	G	Jun-03	0.50		20.00	Funding by NRO and NIMA fund EO-1 at least until Dec 2004.
EOSDIS	G	G	G	Mar-02	0.80			Aura Build 14/ PMDB #4 currently in ops. NGST delivered PMDB #5 on 3/5/04 with some problems-corrected. NGST deliverd PMDB #5A on 3/16/04 which is currently being ingested by EMOS. Build 15/PMDB #5A Pre-ship Review (PSR) currently planned for 3/29/04. Aura launch date is No-Earlier-Than 6/17/04.
Hitchhiker / FAST	G	G	G	Sep-02	0.50		1.00	Hibernation and reactivation planning must be completed no later than EOFY, planned to be completed by 4/30/04.
HST	G	G	G	Jan-04	2.50	-0.40		2 Gyro Science continues. Schedule re-baselined due to delays in M2G redesign. 2-Gyro readiness April 05. Osvaldo Cuevas selected (GOBBS) to fill CCS Deputy IPT Mgr. position. Transition going well.
IMAGE, MAP	G	G	G		0.10		0.10	Upgrading the Alpha FEDS with Linux FEDS- mission may extend beyond 2007(IT Security Patches, HW Upgr). Estimate/schedule forwarded to R. Burley.

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Missions Under Development

Project	Jan	Feb	Mar	Last Report	CS	Δ	SSC	Notes
GLAST EGSE	G	G	G		0.70		2.00	G3 teststand delivery may be held up by lack of ISO required documentation (flight hardware). Preparing to support upcoming Chassis level testing with G3 teststand around first week of May through July.
GLAST Operations	G	G	G	Jul-02	0.90		1.00	MOC Peer Review RFAs were received from Peer Review Chair. Nine of ten RFAs were closed. GLAST MOC RFP is scheduled for delivery to Goldbelt Orca on April 1, 2004.
GPM	G	G	G	Mar-04	0.60			Final release of core CFDP library delivered in Feb.
JWST Ground Sys	G	G	G		2.70	0.30	4.55	ECLIPSE R0.1 Deployed 2/27/04, R1.0 scheduled for 7/31/04. Increased support (O'Brien) - procedure translation (STOL to Cecil)
JWST ICDH Test Software	G	G	G		0.80		0.00	Installed ASIST 9.3.k in JWST ICDH Lab and ASIST GPIB software.
LWS/SET	G	G	G		1.50	-0.30	2.50	Supporting Carrier I&T April - June. SET1 launch is now TBD, possibly on ST8 in 2007 (No longer using DMSP Host S/C)
SDO	G	G	G		1.40		1.50	Supported Ground System Operations Preliminary Design Peer Review and MOC Preliminary Design Peer Review. Will support the GS PDR April 20 & 21 PDR March '04. 7 ASIST workstations delivered mid-March '04.
Space Wire IR&D	G	G	G		1.00		0.00	Working with Code 560 on development (Centa, Houchens)
ST-5	Y	G	G		1.90		2.00	Combining EO-1/ST-5 FOT. MOR delayed beyond April 04. ST-5 has GMSEC-compliance requirement - estimated and costed; can meet May/June delivery.
Swift	G	G	G		0.10		0.10	ITOS and DTAS maintenance
TRMM Reeng.	G	G	G		0.10			Raytheon developing interfaces for Eclipse to communicate with GMSEC information bus. Key messages have been identified.
ULDB CREAM	G	G	G		0.10		0.10	Linux RH enterprise delivered in early Feb. No problems reported.

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Initiatives/Proposal Work/SEB's

<i>Project</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Last Report</i>	<i>CS</i>		<i>SSC</i>	<i>Notes</i>
Adaptive Sensor Fleet	G	G	G		0.70			Pat Hennessy and Mark Lupisella Supporting
AETD Mentoring Program and Diversity Council	G	G	G		0.20			AETD Div Council Retreat held on March 16, 2004. C Adams w/ Dennis - AETD Minority Career Mentoring Prgrm, AETD Ment Prgrm planning a 5 yr anniversary celebration.
AIST Proposal Winner	G	G	G	Jun-03	0.10		2.00	Building 4 element antenna for test in March using EO-1 and S-Band. Presenting some results at GSAW 2004.
CCSDS Panel Support	G	G	G		0.20			No change.
Engineering Process Group (EPG)	G	G	G		0.60			J. Ferrara, A. Centa, C. Adams will increase after AURA Launch

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GMSEC	G	G	G		1.50		2.00	Supporting on-going demonstrations and in-house team.
METS/ESES SEB	G	G	G		0.10			RFP to be released in April.
QMS Workshop	G	G	G		0.10			Planning ongoing. Scheduled for May 3-5, 2004.
Science Visualization Studio	G	G	G	Aug-03	0.60			Supporting animations for Exploration Initiative.
SensorWeb	G	G	G		0.10			Providing briefing to Assoc Admin of NOAA for possible collaboration opportunities Apr04 - working with 586 on slides



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Delta

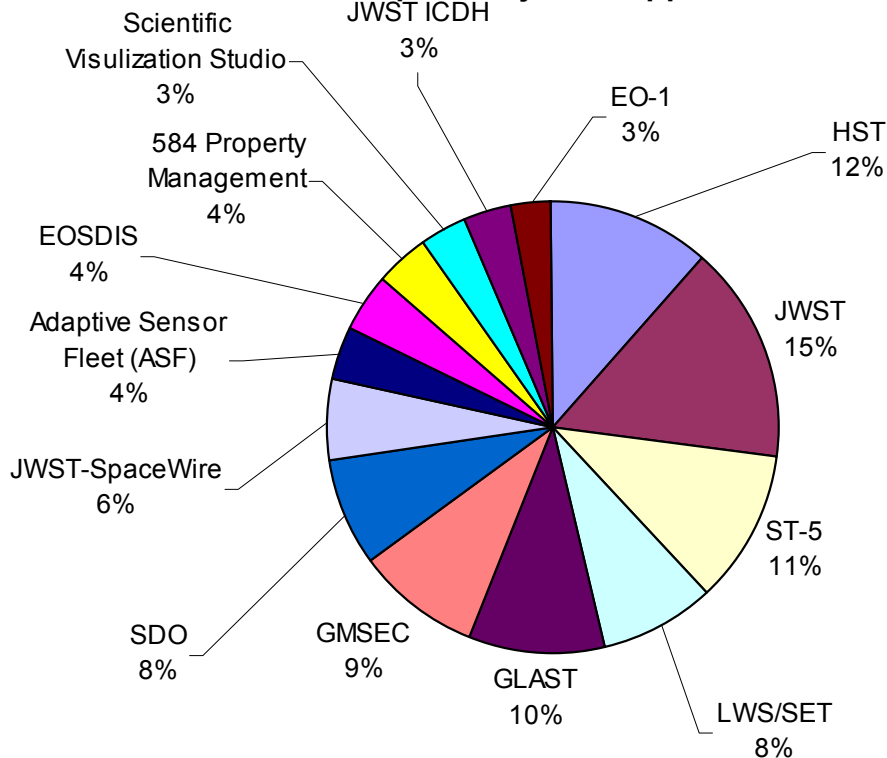
Name	From Core Business	To Core Business	From Project	To Project	Delta	Notes
Bob O'Brien	ISE-Primary Work Standard	ISE-Primary Work Standard	LWS/SET	JWST Ground System	0.3	Jane requested more support for procedure translation
Ryan Turner	ISE-Primary Work Standard	Management	HST	Branch Management	0.4	Filled HST CCS IPT Position with Detail

Code 584 Staffing Overview – Mar 2004

As Of 3/24/04

	ProjectName	LOE	
1	HST	2.00	9.56%
2	JWST	2.70	9.18%
3	ST-5	1.85	7.07%
4	LWS/SET	1.40	6.50%
5	GLAST	1.70	6.50%
6	GMSEC	1.50	8.60%
7	SDO	1.35	5.16%
8	JWST-SpaceWire	1.00	3.82%
9	Adaptive Sensor Fleet (ASF)	0.70	3.06%
10	EOSDIS	0.70	2.68%
11	584 Property Management	0.65	2.49%
12	Scientific Visualization Studio	0.60	2.29%
13	JWST ICDH	0.60	2.29%
14	EO-1	0.50	2.10%
15	SWIFT	0.50	1.91%

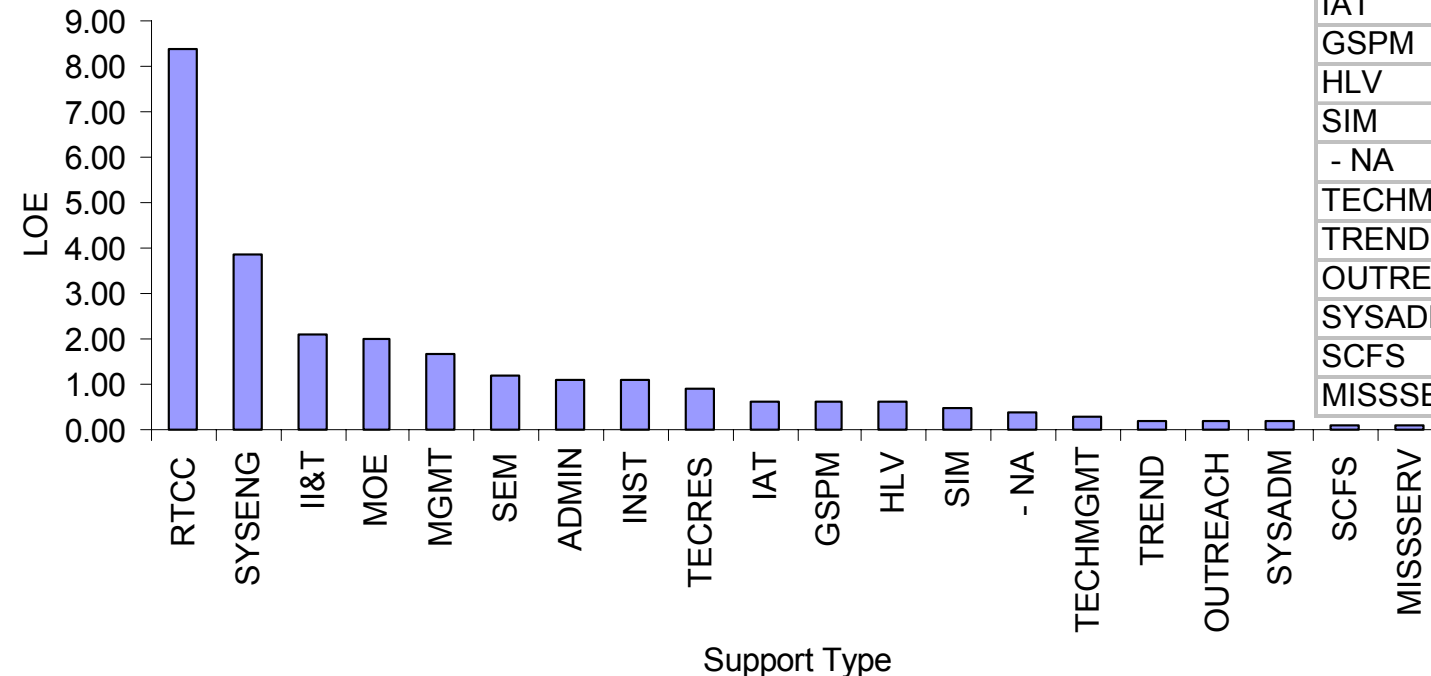
Top 15 Projects Supported



Code 584 Staffing Overview – Mar 2004

Support Type and LOE

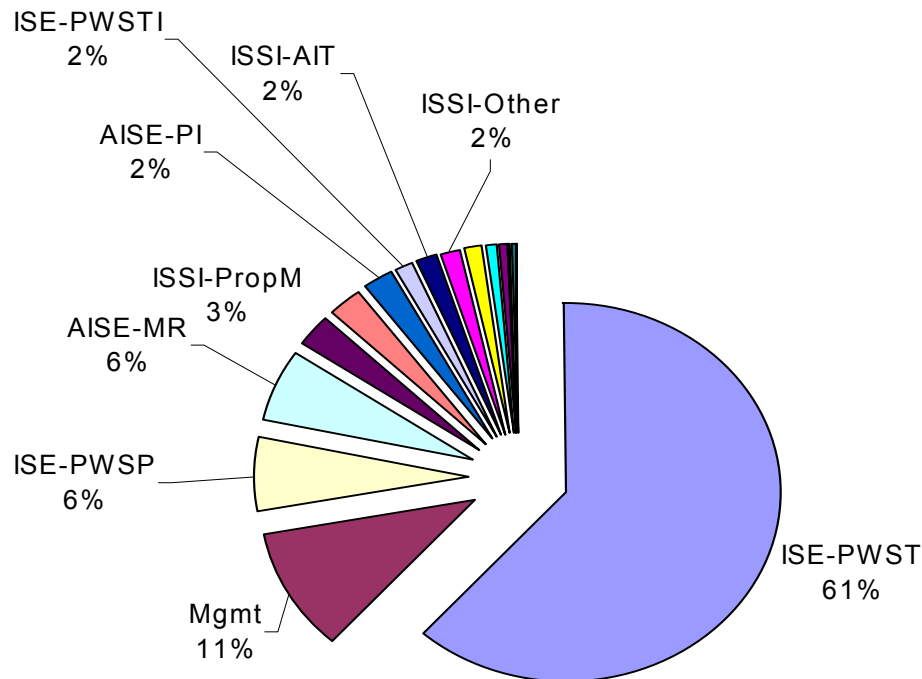
Support Type	LOE
RTCC	8.40
SYSENG	3.85
II&T	2.10
MOE	2.00
MGMT	1.65
SEM	1.20
ADMIN	1.10
INST	1.10
TECRES	0.90
IAT	0.60
GSPM	0.60
HLV	0.60
SIM	0.50
- NA	0.40
TECHMGMT	0.30
TREND	0.20
OUTREACH	0.20
SYSADM	0.20
SCFS	0.10
MISSERV	0.10



Code 584 Staffing Overview – Mar 2004

Core Business Category	Subtotal	Core Business Type		LOE
ISE	19.00	ISE-Primary Work, Standard	ISE-PWST	16.17
AISE	2.50	Management	Mgmt	2.80
ISSI	2.05	ISE-Primary Work, Specialized	ISE-PWSP	1.71
Management	2.80	AISE-Mission Request	AISE-MR	1.60
AFA	0.00	ISSI-Prop Mgmt	ISSI-PropM	0.75

Core Business Type & LOE



ISE-Directed, Standard	ISE-DRST	0.70
AISE-Proc Improv	AISE-PI	0.60
ISE-Primary Work, Standard Investment	ISE-PWSTI	0.40
ISSI-Admin IT	ISSI-AIT	0.40
ISSI-Other	ISSI-Other	0.40
ISSI-Fac Mgmt	ISSI-FM	0.35
AISE-Technology	AISE-Tech	0.20
ISSI-Sys Admin	ISSI-SA	0.15
AISE-Unique	AISE-U	0.10
ISE-Directed, Specialized	ISE-DSP	0.05
AFA	AFA	0.00
ISE-Directed, Specialized Investment	ISE-DSPI	0.00
ISE-Directed, Standard Investment	ISE-DRSTI	0.00
ISE-Primary Work, Specialized Investment	ISE-PWSPi	0.00

Acronyms

ACD	Anti-Coincidence Detector (GLAST)	NGN	NASA Ground Network
Cassini CIRS	Cassini Composite Infrared Spectrometer	NICMOS	Near Infrared Camera & Multi-Object Spectrometer
CCR	Configuration Change Request	OASIS	Ocean-Atmosphere Sensor Integration System
CCSDS	Consultative Committee for Space Data Systems	OMG	Object Management Group
CNES	Centre National d'Etudes Spatiales (French Space Agency)	ORR	Operational Readiness Review
CoO	Continuous Operation	OSAT	Observational Science Airborne Tracking
CPU	Central Processing Unit	PSU	Penn State University
DR	Design Requirement	RADAC	Range Data Acquisition
DRS	Disturbance Reduction System	REOC	Remote Earth Observing Control Center
DSA	Distributed Spacecraft Systems Architecture	ROWS	Radar Ocean Wave Spectrometer
EGSE	Electrical Ground Support Equipment	RTEMS	Real-time Executive Multiprocessor System
EMOS	EOS Mission Operations System	RTOS	Real-time Operating System
EO-1	Earth Observer 1	RXTE	Rossi X-ray Timing Explorer
EOS	Earth Observatory System	SAMPEX	Solar Anomalous & Magnetospheric Particle Explorer
EOSDIS	EOS Data Information System	SDO	Solar Dynamics Observatory
FAST	Flexible Autonomous Access to Station	SEB	Source Evaluation Board
FSW	Flight Software	SI C&DH	Science Instrument Command & Data Handling
GLAS	Geoscience Laser Altimeter System	SEB	Source Evaluation Board
GLAST	Gamma Ray Large Area Space Telescope	SEM	Space Experiment Module
GMSEC	GSFC Mission Services Evolution Center	SET	Space Environment Testbed
GPM	Global Precipitation Measurement	SITS	Science Instrument Test System
HABS	Harmful Algal Bloom Spectroscopy	SMEX	Small Explorer
HST	Hubble Space Telescope	SSM	Support Service Module
I&T	Integration and Test	ST-5	Space Technology 5
IMDC	Integrated Mission Design Center	ST-7	Space Technology 7
IRAC	Infrared Array Camera	STIS	Space Telescope Imaging Spectrograph
ISIM	Integrated Science Instrument Module	SWAS	Submillimeter Wave Astronomy Satellite
JWST	James Webb Space Telescope	TRACE	Transition Region and Coronal Explorer
LAT	Large Area Telescope (GLAST)	TRMM	Tropical Rainfall Measuring Mission
LISA	Laser Interferometer Space Antenna	UARS	Upper Atmosphere Research Satellite
LRTEE	Launch Range Technology Evaluation Environment	ULDB	Ultra Long Duration Balloon
LWS	Living with a Star Program	ULDB TIGER	The Trans Iron Galactic Element Recorder
MAP	Microwave Anisotropy Probe	ULDB CREAM	Cosmic Ray Energetics And Mass Balloon Experiment
MLA	Mercury Laser Altimeter	WFC3	Wide Field Camera 3
MOMS	Mission Operations and Mission Services	WIRE	Wide-Field Infrared Explorer
MRR	Mission Readiness Review	XRT	X-ray Telescope
NASDA	National Aeronautical Space Defense Agency of Japan		